

WHAT IS CLAIMED IS:

1. An adhesive sheet comprising an adhesive composition disposed on at least one face of a film of acetyl cellulose, the adhesive sheet being produced by coating a solution of the adhesive composition on said face of said film and drying the solution to form a laminate, said adhesive composition comprises (A) a copolymer of (meth)acrylic esters, (B) a crosslinking agent and (C) a phenol compound.

2. The adhesive sheet according to claim 1, wherein the phenol compound (C) is at least one compound selected from the group consisting of 2,6-di-tert-butyl-p-cresol, butylhydroxyanisole, stearyl β -(3,5-di-tert-butyl-4-hydroxyphenyl)propionate, 4,4'-butylidenebis(3-methyl-6-tert-butylphenol), 3,6-dioxaoctamethylenebis[3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionate] and 1,1,3-tris(2-methyl-4-hydroxy-5-tert-butylphenyl)butane, wherein the crosslinking agent (B) is in an amount of 0.001 to 50 parts by weight per 100 parts by weight of the copolymer (A).

3. An adhesive sheet comprising an adhesive composition disposed on at least one face of a film of acetyl cellulose, the adhesive sheet being produced by coating a solution of the adhesive composition on one face of a substrate, said face of said substrate being coated with a releasing agent, drying the solution to form a laminate and transferring the adhesive

composition to the face of the film of the acetyl cellulose, said adhesive composition comprising (A) a copolymer of (meth)acrylic esters, (B) a crosslinking agent and (C) a phenol compound.

4. The adhesive sheet according to claim 3, wherein the phenol compound (C) is at least one compound selected from the group consisting of 2,6-di-tert-butyl-p-cresol, butylhydroxy-anisole, stearyl β -(3,5-di-tert-butyl-4-hydroxyphenyl) propionate, 4,4'-butylidenebis(3-methyl-6-tert-butylphenol), 3,6-dioxaoctamethylenebis[3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionate] and 1,1,3-tris(2-methyl-4-hydroxy-5-tert-butylphenyl)butane, wherein the crosslinking agent (B) is in an amount of 0.001 to 50 parts by weight per 100 parts by weight of the copolymer (A).

5. The adhesive sheet according to claim 3, wherein the adhesive composition comprises 0.01 to 10 parts by weight of the phenol compound (C) per 100 parts by weight of component (A).

6. An adhesive optical component comprising an optical component and a layer which comprises an adhesive composition, said adhesive composition being disposed on at least one face of the optical component by coating a solution of the adhesive composition on said face of the optical component and drying

the solution to form a laminate, said adhesive composition comprising (A) a copolymer of (meth)acrylic esters, (B) a crosslinking agent and (C) a phenol compound.

7. The adhesive optical component according to claim 6, wherein the phenol compound (C) is at least one compound selected from the group consisting of 2,6-di-tert-butyl-p-cresol, butylhydroxyanisole, stearyl β -(3,5-di-tert-butyl-4-hydroxyphenyl)propionate, 4,4'-butylidenebis(3-methyl-6-tert-butylphenol), 3,6-dioxaoctamethylenebis-[3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionate] and 1,1,3-tris(2-methyl-4-hydroxy-5-tert-butylphenyl)butane, wherein the crosslinking agent (B) is in an amount of 0.001 to 50 parts by weight per 100 parts by weight of the copolymer (A).

8. An adhesive optical component comprising an optical component and a layer which comprises an adhesive composition, a solution of said adhesive composition being disposed on one face of a substrate, said face of said substrate being coated with a releasing agent, drying the solution to form a laminate and transferring the adhesive composition to said face of the optical component, said adhesive composition comprising (A) a copolymer of (meth)acrylic esters, (B) a crosslinking agent and (C) a phenol compound.

9. The adhesive optical component according to claim 8, wherein the phenol compound (C) is at least one compound selected from the group consisting of 2,6-di-tert-butyl-p-cresol, butylhydroxyanisole, stearyl β -(3,5-di-tert-butyl-4-hydroxyphenyl)propionate, 4,4'-butylidenebis(3-methyl-6-tert-butylphenol), 3,6-dioxaoctamethylenebis[3-(3-tert-butyl-4-hydroxy-5-methylphenyl)propionate], and 1,1,3-tris(2-methyl-4-hydroxy-5-tert-butylphenyl)butane, wherein the crosslinking agent (B) is in an amount of 0.001 to 50 parts by weight per 100 parts by weight of the copolymer (A).

10. The adhesive optical component according to claim 8, wherein the adhesive composition comprises 0.01 to 10 parts by weight of the phenol compound (C) per 100 parts by weight of component (A).

11. The adhesive optical component according to claim 8, wherein the optical component is a polarizing plate.

12. The adhesive optical component according to claim 8, wherein the optical component is a plate for phase differentiation.

13. The adhesive optical component according to claim 8, wherein after drying, the laminate is aged at ordinary temperature for at least a week.

14. The adhesive optical component according to claim 8, wherein the copolymer of (meth)acrylic esters (A) is a copolymer of (a) at least one monomer selected from the group consisting of methyl(meth)acrylate, ethyl(meth)acrylate, propyl(meth)acrylate, butyl(meth)acrylate, pentyl(meth)acrylate, hexyl(meth)acrylate and cyclohexyl(meth)acrylate, and (b) at least one monomer selected from the group consisting of 2-hydroxyethyl(meth)acrylate, 2-hydroxypropyl(meth)acrylate, 3-hydroxypropyl(meth)acrylate, 2-hydroxybutyl(meth)acrylate, 3-hydroxybutyl(meth)acrylate, 4-hydroxybutyl(meth)acrylate, acrylamide, methacrylamide, N-methylacrylamide, N-methylmethacrylamide, N-methylolacrylamide, N-methylolmethacrylamide, monomethylaminoethyl(meth)acrylate, monoethylaminoethyl(meth)acrylate, monomethylaminopropyl(meth)acrylate, monoethylaminopropyl(meth)acrylate, acrylic acid, methacrylic acid, crotonic acid, maleic acid, itaconic acid and citraconic acid.

15. The adhesive optical component according to claim 14, wherein the crosslinking agent (B) is a polyisocyanate compound.

16. The adhesive optical component according to claim 15, wherein the phenol compound (C) is selected from the group consisting of 2,6-di-tert-butyl-p-cresol and 4,4'-butylidenebis(3-methyl-6-tert-butylphenol).

17. An adhesive optical component comprising an optical component and a layer which comprises an adhesive composition, said adhesive composition being disposed on at least one face of the optical component by coating a solution of the adhesive composition on said face of the optical component and drying the solution to form a laminate, said adhesive composition comprising (D) a copolymer of (meth)acrylic esters having a weight-average molecular weight of 500,000 to 2,500,000, (E) a crosslinking agent and (F) a radical scavenger.

18. An adhesive optical component comprising an optical component and a layer which comprises an adhesive composition, a solution of said adhesive composition being disposed on one face of a substrate, said face of said substrate being coated with a releasing agent, drying the solution to form a laminate and transferring the adhesive composition to the face of the optical component, said adhesive composition comprising (D) a

copolymer of (meth)acrylic esters having a weight-average molecular weight of 500,000 to 2,500,000, (E) a crosslinking agent and (F) a radical scavenger.

19. The adhesive optical component according to claim 18, wherein the optical component is a polarizing plate.

20. The adhesive optical component according to claim 18, wherein the optical component is a plate for phase differentiation.

21. An adhesive optical component comprising an optical component and a layer which comprises an adhesive composition, said adhesive composition being disposed on at least one face of the optical component by coating a solution of the adhesive composition on said face of the optical component and drying the solution to form a laminate, said adhesive composition comprising (D') a mixture of a copolymer of (meth)acrylic esters having a weight-average molecular weight of 500,000 to 2,500,000 and an oligomer of (meth)acrylic esters having a weight-average molecular weight of 1,000 to 10,000 in amounts such that a ratio of the amounts by weight of the copolymer to the oligomer is 100:5 to 100:100, (E) a crosslinking agent and (F) a radical scavenger.

22. An adhesive optical component comprising an optical component and a layer which comprises an adhesive composition, a solution of said adhesive composition being disposed on one face of a substrate, said face of said substrate being coated with a releasing agent, drying the solution to form a laminate and transferring the adhesive composition to the face of the optical component, said adhesive composition comprising (D') a mixture of a copolymer of (meth)acrylic esters having a weight-average molecular weight of 500,000 to 2,500,000 and an oligomer of (meth)acrylic esters having a weight-average molecular weight of 1,000 to 10,000 in amounts such that a ratio of the amounts by weight of the copolymer to the oligomer is 100:5 to 100:100, (E) a crosslinking agent and (F) a radical scavenger.

23. The adhesive optical component according to claim 22, wherein the optical component is a polarizing plate.

24. The adhesive optical component according to claim 22, wherein the optical component is a plate for phase differentiation.